

**ABSTRACT**

A method of acquiring seismic data adapted for a land or transition zone environment including placing a location identifier (34) in a particular location, placing a seismic sensor near the location identifier (34), reading the location identifier (34) using a seismic data cable, recording seismic data acquired by the seismic sensor (26) using the seismic data cable, and assigning sensor position coordinates to the seismic data based on measured position coordinates of the location identifier (34). The invention also includes ~~an involves and~~ apparatus adapted for seismic data acquisition in a land or transition zone environment including a location identifier (34), a seismic sensor (26) capable of being placed near the location identifier, a seismic data cable, means for reading the location identifier using the seismic data cable, means for recording seismic data acquired by the seismic sensor (26) using the seismic data cable, and means for assigning sensor position coordinates to the seismic data based on measured position coordinates of the location identifier.